

Floods Caused by Tropical Systems: Delaware River at Riegelsville

Latitude: 40.595

Period of Record: 1841-Present

Longitude: -75.19

Flood Stage: 22 ft

Last Flood: 9/9/2011

Number of Floods: 40

Date of Crest	Crest (ft)	Streamflow (cfs)	Remarks
8/19/1955	38.85	340,000	Hurricane Diane made landfall 5 days after Hurricane Connie. Hurricane Diane produced several inches of rain with locally heavier amounts of 10 to 20 inches.
9/19/2004	30.95	216,000	The remnants of Hurricane Ivan, combined with a cold front, produced an average rainfall amount of 2-4 inches in NY, 3-7 inches in PA, 1-3.5 inches in NJ and 2 inches in WV.
9/9/2011	28.06	175,000	The remnants of tropical storm (TS) Lee moved up the Appalachian Mountains and interacted with a quasi-stationary east-west frontal boundary. 10 to 15 inches fell at numerous locations in Central PA and NY.
8/25/1933	25.00	141,000	A strong Category 1 storm, the Chesapeake-Potomac Hurricane brought more than 10 inches of rain to Maryland, Delaware and Southern New Jersey. Other locations throughout the Mid-Atlantic measured more than 4 inches of rain.
8/29/2011	24.56	-9,999	Hurricane Irene brought heavy rains and flooding 26-28 August 2011. Area averaged rainfall from gauge and radar data indicated a broad swath of 3 to 10 inches with over 13" at a couple of spots.
10/1/1924	24.20	132,000	Tropical Storm Eight made landfall in the Panhandle of Florida before moving northward along the Atlantic Coast. The storm intensified over NC and became an extratropical storm. Several locations in VA set new records for 24-hour rainfall totals.
9/23/1938	23.00	123,000	The Long Island Express Hurricane produced more than 5 inches of rain in New Jersey, New York and other parts of the Northeast. Major flooding occurred across New York, New Jersey and Pennsylvania.

Drainage Area: 6328 sq mi

Tropical information before 1940 is limited.

County of Gage: Warren

Gage Datum: 125.12 ft MSL

Main Stem Delaware Basin

County of Forecast Point: Bucks